

Recombinant Full Length Human KRT78 Protein, GST-tagged

Cat. No. KRT78-6092HF **Lot. No.** (See product label)

SPECIFICATION

Product Overview	Human KRT78 full-length ORF (AAI41555.1, 1 a.a. - 520 a.a.) recombinant protein with GST-tag at N-terminal.
Species	Human
Source	In Vitro Cell Free System
ProteinLength	520 amino acids
Description	This gene is a member of the type II keratin gene family and encodes a protein with an intermediate filament domain. Keratins are the major structural proteins in epithelial cells, forming a cytoplasmic network of 10 to 12 nm wide intermediate filaments and creating a scaffold that gives cells the ability to withstand mechanical and non-mechanical stresses. The genes of the type II keratin family are located as a gene cluster at 12p13.13. Four pseudogenes of this gene family have been identified. [provided by RefSeq]
Molecular Mass	83.6 kDa
AA Sequence	MSLSPCRAQRGFSARSACSARSRGRSRGGFSSRGGFSSRSLNSFGGCLEGSRGS TWGSGGRLGVRFGEWSGGPGLSLCPPGGIQEVTINQNLLTPLKIEIDPQFQVVRTQ ETQEIRTLNNQFASFIDKVRFLQEQNKVLETKWHLQGGLSGSQQGLEPVFEACL DQLRKQLEQLQGERGALDAELKACRDQEEYKSKYEEEAHRRATLENDFVVLKDV DGVFLSKMELEGKLEALREYLYFLKHLNEEELGQLQTQASDTSVVLSDNNRYLDF SSIITEVRARYEEIARSSKAEAEALYQTKYQELQVSAQLHGDRMQETKVQISQLHQEI

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA

QRLQSQTENLKKQNASLQAAITDAEQRGELALKDAQAKVDELEAALRMAKQNLARL
 LCEYQELTSTKLSLDVEIATYRRLLLEGEECRMSGECTSQVTISSVGGSAVMSGGVG
 GGLGSTCGLGSGKGGSPGSCCTSIVTGGSNII LGSGKDPVLDSCSVSGSSAGSSCHTI
 LKKTVESSLKTSITY

Applications
 Enzyme-linked Immunoabsorbent Assay
 Western Blot (Recombinant protein)
 Antibody Production
 Protein Array

Notes Best use within three months from the date of receipt of this protein.

Storage Store at -80 centigrade. Aliquot to avoid repeated freezing and thawing.

Storage Buffer 50 mM Tris-HCl, 10 mM reduced Glutathione, pH=8.0 in the elution buffer.

GENE INFORMATION

Gene Name [KRT78 keratin 78 \[Homo sapiens \(human\) \]](#)

Official Symbol [KRT78](#)

Synonyms KRT78; keratin 78; K5B; K78; Kb40; CK-78; keratin, type II cytoskeletal 78; cytokeratin-78; keratin 78, type II; keratin-5b; type-II keratin Kb40

Gene ID [196374](#)

mRNA Refseq [NM_001300814](#)

Protein Refseq [NP_001287743](#)

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127


 45-1 Ramsey Road, Shirley, NY 11967, USA



MIM	611159
UniProt ID	Q8N1N4

 Tel: 1-631-559-9269 1-516-512-3133

 Email: info@creative-biomart.com  Fax: 1-631-938-8127

 45-1 Ramsey Road, Shirley, NY 11967, USA